



Renewable Lubricants, Inc.

Distributed By: DM's Bio-Based Fluid Supply Inc.
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Bio-Food Grade™ E.P. Grease (H1) **NLGI #00, (High Temperature)**



"Bio-based Lubricants that Perform Like Synthetics"

Bio-Food Grade™¹ E.P. Grease (NLGI #00) is a high temperature, Bio-based grease with excellent E.P. and Antiwear performance for sliding surfaces and gears. The super high viscosity index of the Stabilized* HOBS naturally improves thermal shear stability and load capacity. It was engineered specifically for food processing and packaging machinery and may be used in water treatment plants and other environmentally sensitive areas. Bio-Food Grade™ E.P. Grease (NLGI #00) is a rust and oxidation inhibited formula that is very resistant to water and lubricates open or enclosed gears that require a scuffing load stage 11 in the FZG test. This product provides excellent high temperature performance with good adhesion/cohesion properties. It has a neutral odor and is non-staining and provides improved cold temperature mobility over Bio-Food Grade™ E.P. NLGI #0, #1, and #2. Bio Food Grade™ E.P. Grease contains an optimized blend of preservatives. The preservatives exhibit broad spectrum antimicrobial activity against Gram positive and Gram negative bacteria, yeasts and mold.

Bio-Food Grade™ E.P. Grease (NLGI #00) is an ENVIRONMENTALLY RESPONSIBLE product that is formulated from biodegradable and renewable agricultural plant resources. We believe Earth's environmental future rests in the use of renewable materials.

Typical Specifications:

NLGI Grade	00
Base Oil -Viscosity @ 40°C cSt ASTM D 445	142
Viscosity @ 100°C cSt ASTM D 445	24
Viscosity Index ASTM D 2270	202
Pour Point ASTM D 97	-30°C
Color	White
Thickener	Alum Complex
4-Ball Wear ASTM D 2266	0.40 mm
4-Ball EP ASTM D 2596	Weld 250
FZG Test (DIN 51354)	11
Timken OK Load ASTM D 2509.	45 lbs.
Pen, Wkd ASTM D 217	400-430 mm/10
Copper Corrosion ASTM D 130	1A
Rust Test ASTM D 665 A,B	Pass

STABILIZED by Renewable Lubricants* is RLI's trademark on their proprietary and patented technology. High Oleic Base Stock (HOBS) are agricultural vegetable oils. This Stabilized technology allows the HOBS to perform as a high performance formula in high and low temperature applications, reducing oil thickening and deposits.

¹ Base oils and additives in this product are listed in 21 CFR 178.3570, Lubricants for incidental food contact (USDA H-1). Full compliance with other applicable restrictions of FDA, USDA, oil spill, and oil pollution prevention statutes is recommended. This product is acceptable as a lubricant with incidental food contact (H1) for use in and around food processing areas. Such compounds may be used on food processing equipment as a protective anti-rust film, as a release agent on gaskets or seals of tank closures, and as a lubricant for machine parts and equipment in locations in which there is a potential exposure of the lubricated part to food.

Patented Product with Pending and Foreign Patents

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Availability F.O.B. :Bolton, ON, Canada

35 lb Pails 120 lb Kegs 400 lb Drums